



**NORTH CAROLINA BOARD OF EXAMINERS
FOR ENGINEERS AND SURVEYORS**

4601 Six Forks Rd Suite 310
Raleigh, North Carolina 27609

April 24, 2018

Linda A. Thurman, Public
Chair
Andrew G. Zoutewelle, PLS
Vice-Chair
Jonathan S. Care, Public
Secretary

Richard M. Benton, PLS
Carl M. Ellington, Jr., PE
John M. Logsdon, PLS
David L. Pond, PE
Bobbie Shields, PE
Stacey A. Smith, PE

Andrew L. Ritter
Executive Director

The Honorable Roy Cooper
Governor of North Carolina
20301 Mail Service Center
Raleigh, North Carolina 27699-0301

Dear Governor Cooper:

Section 89C-12 of the General Statutes requires that the North Carolina Board of Examiners for Engineers and Surveyors report to you its transactions for the preceding year.

The summary report of transactions and activities for the Board Fiscal Year 2017 (December 1, 2016 – November 30, 2017) has been prepared and is enclosed for your information and review.

The audit is in the process of being prepared by Bernard Robinson & Company, LLP and will be sent under separate cover.

For the Board,

Andrew L. Ritter
Executive Director

ALR/sd

CERTIFIED MAIL – Return Receipt Requested

cc: Secretary of State Elaine F. Marshall
Mr. Joseph Harrison Moore, Jr., Legislative Research Assistant



NORTH CAROLINA BOARD OF EXAMINERS FOR ENGINEERS AND SURVEYORS

2017 ANNUAL REPORT

TO

**THE HONORABLE ROY COOPER
THE GOVERNOR OF NORTH CAROLINA**

REPORT TO THE GOVERNOR

THE HONORABLE ROY COOPER
GOVERNOR OF NORTH CAROLINA

Presented April 25, 2018

Report of proceedings and activities of the

North Carolina Board of Examiners

for

Engineers and Surveyors

Fiscal Year 2017

REPORT TO THE GOVERNOR

Board Membership

The North Carolina Board of Examiners for Engineers and Surveyors is organized under the provisions of "*The North Carolina Engineering and Land Surveying Act*," Chapter 89C of the North Carolina General Statutes (G.S. 89C). Section 89C-4 provides that the Board shall have the duty of administering the provisions of G.S. 89C, and shall consist of four Professional Engineers, three Professional Land Surveyors, and two Public Members, appointed by the Governor of the State of North Carolina. Members of the Board serve for staggered 5-year terms, and no member may be appointed for more than two (2) full terms.

The current members of the Board and the dates of expiration of their terms of appointment are as follows:

Engineering Appointees:

David L. Pond	December 2018
Carl M. Ellington, Jr.	December 2021
Stacey A. Smith	December 2019
Bobbie Shields	December 2020

Land Surveying Appointees:

Richard M. (Mike) Benton	December 2017
Andrew (Andy) G. Zoutewelle	December 2018
John M. Logsdon	December 2020

Public Member Appointees:

Linda A. Thurman	December 2019
Jonathan S. Care	December 2018

Board Meetings

By Statute, the Board is required to hold at least two regular meetings each year, and meetings at such other times as are required. The Board has found that, in order to conduct its business in a proper and timely manner, meetings are generally required each month of the year.

During Fiscal Year 2017 (December 1, 2016 through November 30, 2017), the Board held seven (7) meetings which were attended by Board members for the purpose of transacting the business of the Board, in accordance with an agenda prepared for each meeting. During each meeting, when required, the Engineering and Land Surveying Committees met separately to consider matters relating to engineering and land surveying, respectively. These matters include review of applications for licensure, review of examination results, and any other matters relating solely to the respective professions. Four board conference calls were conducted to approve consent agendas.

Licensure

At the end of Fiscal Year 2017 (November 30, 2017), a total of 26,040 Professional Engineers, 2,509 Professional Land Surveyors and 3,937 Businesses were licensed with the Board.

LICENSURE STATISTICS - FISCAL YEAR 2016

(December 1, 2016 - November 30, 2017)

APPLICATIONS

Engineering Applications.....	1,483
Surveying Applications.....	31
Total Applications.....	1,514

EXAMINATIONS

Engineering Exam II - Principles & Practice (8 hrs. written)	N/A
<i>**The Board no longer issues exams. They are national exams that are Administered by the National Council of Examiners for Engineering and Surveying.</i>	
Surveying Exam II - Principles & Practice (6 hrs NCEES and/or 2 hrs State)	43
Total Examinations.....	43

LICENSURES

Professional Corporations.....	129
Limited Liability Companies.....	137
Business Firms.....	28
Chapter 87.....	10
Professional Engineers granted Initial Licensure.....	455
Professional Engineers licensed by comity.....	1,137
Professional Land Surveyors licensed by exam.....	32
Total Licensed.....	1,928

DECEASED

Deceased.....	35
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LICENSURE AS OF NOVEMBER 30, 2017

Professional Engineers.....	26,040
Professional Land Surveyors.....	2,509
Firms.....	3,937

EXAMINATION RESULTS

Fiscal Year 2017 (December 1, 2016 - November 30, 2017)

	<u>Total</u>	<u>Passed</u>	<u>Failed</u>	<u>Percent Passed</u>
<u>Engineering Examination II -</u> THE BOARD NO LONGER ISSUES ENGINEERING EXAMS. THEY ARE NATIONAL EXAMS THAT ARE ADMINISTERED BY THE NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING.				
<u>Surveying Examination II -</u>				
<u>Principles & Practice (State Specific)</u>				
Jan. 2017	8	6	2	75.0%
Spring 2017	13	11	2	84.6%
July 2017	11	7	4	63.6%
Fall 2017	<u>11</u>	<u>6</u>	<u>5</u>	54.6%
Total Fiscal Year 2017	43	30	13	69.8%

HISTORICAL DATA

(Past 10 Fiscal Years)

	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>
APPLICATIONS										
Engineer	2,163	2,105	2,004	2,096	2,153	2,106	1,343	1,123	1,354	1,483
Surveyor	<u>135</u>	<u>128</u>	<u>98</u>	<u>110</u>	<u>103</u>	<u>31</u>	<u>96</u>	<u>35</u>	<u>24</u>	<u>31</u>
Totals	2,298	2,233	2,102	2,206	2,256	2,137	1,439	1,158	1,378	1,514
EXAMINATIONS										
Engineer (Exam II)	1,823	1,961	1,798	1,839	1,877	1,851	631	614	604	N/A
Surveyor (Exam II)	<u>292</u>	<u>276</u>	<u>200</u>	<u>197</u>	<u>261</u>	<u>121</u>	<u>83</u>	<u>51</u>	<u>43</u>	<u>43</u>
Total	2,115	2,237	1,998	2,036	2,138	1,972	714	665	647	43
LICENSURE										
Initial Eng.	385	379	427	374	395	352	397	356	369	455
Exam – LS	58	94	54	58	67	58	42	49	26	32
GIS – LS	0	0	0	0	0	0	37	1	0	0
Comity – Eng	<u>873</u>	<u>812</u>	<u>730</u>	<u>822</u>	<u>775</u>	<u>711</u>	<u>791</u>	<u>793</u>	<u>932</u>	<u>1,137</u>
Totals	1,316	1,285	1,211	1,254	1,237	1,121	1,267	1,199	1,327	1,624

VIOLATIONS ACTIVITY FISCAL YEAR 2017

I SUMMATION

During Fiscal Year 2017 Review Committees considered 127 alleged violations of Chapter 89C of the North Carolina General Statutes. All cases were investigated and processed through the Review Committees and recommendations as to the disposition of the cases were made to the full Board.

The violation case origins and dispositions for Fiscal Year 2017 are as follows:

Case Load - 2017

A. Cases carried over from 2016	99
B. New cases recorded in 2017	<u>115</u>
Total case load for 2017	214

Case Dispositions for 2017

A. Case load for 2017	214
B. Cases closed in 2017	119
Cases carried over to 2018	95

Actions completed by the Board during the year resulted in:

- Two (2) revocations of license;
- One (1) surrender of license;
- One (1) suspension of license (stayed);
- One (1) suspension of license (child support enforcement);
- One (1) suspension of license for one year;
- One (1) suspension of license for six months;
- One (1) reprimand, \$5,000 civil penalty and ethics course;
- One (1) reprimand and \$3,000 civil penalty;
- One (1) reprimand, \$2,500 civil penalty and ethics course;
- One (1) reprimand, license restriction and ethics course;
- Two (2) reprimands and \$2,000 civil penalty;
- One (1) reprimand, \$1,000 civil penalty and continuing education audit;
- Six (6) reprimands and \$1,000 civil penalty;
- Two (2) reprimands and \$500 civil penalty;
- One (1) reprimand, ethics course and continuing education audit;
- One (1) reprimand and ethics course;
- Sixteen (16) reprimands; and
- Seven (7) notices of non-compliance letters.

II VERIFICATION

A. Cases carried over from 2016 to Fiscal Year 2017	99
B. New cases recorded in Fiscal Year 2017	115
C. Total case load for Fiscal Year 2017	214
D. Cases closed during Fiscal Year 2017	119
E. Cases carried over from 2017 to Fiscal Year 2018	95
F. Actions during Fiscal Year 2017	47
G. Cases considered by Review Committees during Fiscal Year 2017	127

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Andrew L. Ritter', with a stylized, cursive script.

Andrew L. Ritter
Executive Director